

Basic Information

Product Name	Anti-P62/SQSTM1 Antibody (Clone#OTI1E9)		
Gene Name	SQSTM1		
Source	Mouse		
Clonality	Monoclonal		
Isotype	IgG2b		
Species Reactivity	human, mouse, rat, monkey		
Tested Application	WB, FCM, IHC, ICC/IF		
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.		
Immunogen	Full length human recombinant protein of human SQSTM1 (NP_003891) produced in HEK293T cell.		
Concentration	500 ug/ml		
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)		
Observed MW	62 kDa		
Dilution Ratios	Western blot (WB):	1:500~2000	
	Immunohistochemistry (IHC):	1:150	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100	
	Flow cytometry (FCM):	1:100	

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

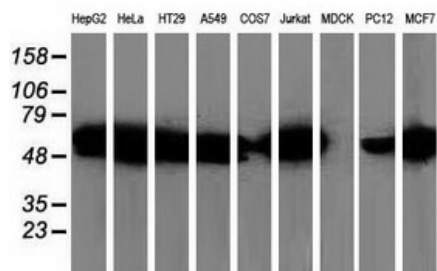
Background Information

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone. [provided by RefSeq, Mar 2009]

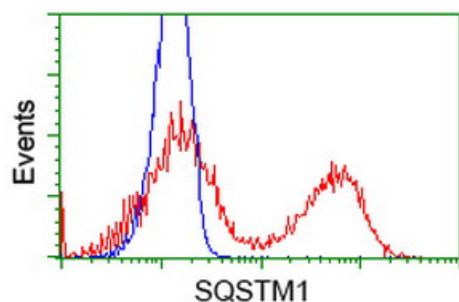
Reference

Anti-P62/SQSTM1 Antibody (Clone#OT1E9)被引用在1文献中。

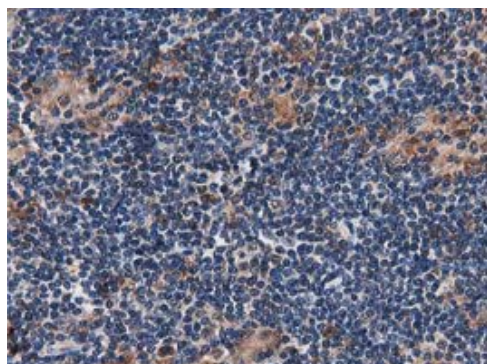
Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SQSTM1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SQSTM1 antibody, and then analyzed by flow cytometry.



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-SQSTM1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M00300-4)

Product datasheet

**Anti-P62/SQSTM1 Antibody
(Clone#OTI1E9)**

Catalog Number: M00300-4

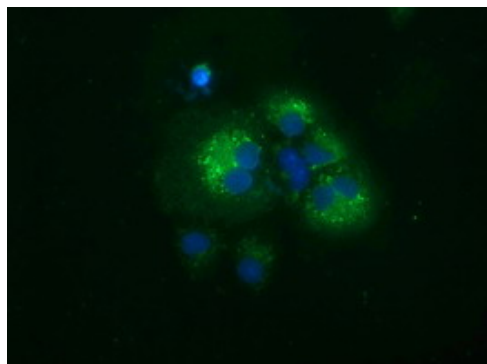
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Anti-SQSTM1 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SQSTM1 .